



IFW

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

REHM

Atty. Ref.: 3652-50

Serial No. 10/525,955

TC/A.U.: 1652

Filed: March 31, 2006

Examiner: Meah, M.Y.

For: PROCESS FOR THE PRODUCTION OF BIODEGRADABLE,  
FUNCTIONALISED POLYMER PARTICLES, AND USE THEREOF AS  
PHARMACEUTICAL SUPPORTS

\* \* \* \* \*

October 13, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

As suggested by 37 C.F.R. 1.97, the undersigned attorney brings to the attention of the Patent and Trademark Office the references listed on the attached form PTO/SB/08a.

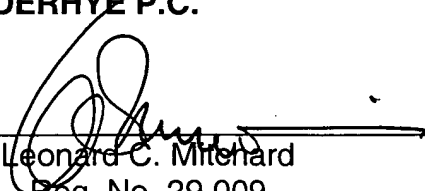
This is not to be construed as a representation that a search has been made or that no better prior art exists, or that a reference is relevant merely because cited.

The Examiner is requested to initial the attached form PTO/SB/08a and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

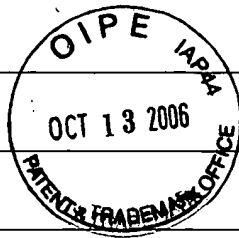
Respectfully submitted,

**NIXON & VANDERHYP.C.**

By: \_\_\_\_\_

  
Leonard C. Mitchard  
Reg. No. 29,009

LCM:lfm  
901 North Glebe Road, 11th Floor  
Arlington, VA 22203-1808  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100


**INFORMATION DISCLOSURE  
CITATION**

ATTY. DOCKET NO.

SERIAL NO.

3652-50

10/525,955

APPLICANT

REHM

FILING DATE

GROUP

(Use several sheets if necessary)

March 31, 2006

1652

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,610,041	03/1997	Somerville et al (equivalent of WO 95/65472)			
	6,835,820	12/2004	Cannon et al			
	6,103,956	08/2000	Srienc et al			
	6,022,729	02/2000	Steinbuchel et al			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
WO 00/06747 A2	02/2000	WO			
WO 97/22711 A1	06/1997	WO			
WO 02/040690 A3	05/2002	WO			
WO 00/78985 A1	12/2000	WO			
WO 99/35278	07/1999	WO			

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

	Rehm, Brend H.A., et al; "Matrix-assisted <i>in vitro</i> refolding of <i>Pseudomonas aeruginosa</i> class II polyhydroxyalkanoate synthase from inclusion bodies produced in recombinant <i>Escherichia coli</i> "; <i>Biochemical Society</i> ; Aug. 15, 2001; 358 (Pt 1), pp. 263-268.
	Qi, Q., et al; "In vitro synthesis of poly(3-hydroxydecanoate): purification and enzymatic characterization of type II polyhydroxyalkanoate synthases PhaC1 and PhaC2 from <i>Pseudomonas aeruginosa</i> "; <i>Appl. Microbiol Biotechnol</i> ; Jul. 2000; 54(1): pp. 37-43.
	Schubert, P. et al; "Molecular Analysis of the <i>Alcaligenes eutrophus</i> Poly(3-Hydroxybutyrate) Biosynthetic Operon: Identification of the N Terminus of Poly(3-Hydroxybutyrate) Synthase and Identification of the Promoter"; <i>Journal of Bacteriology</i> , Vol. 173, No. 1; Jan., 1991, pp. 168-175.
	Yamane, Tsuneo, et al; "Growth-Associated Production of Poly(3-Hydroxyvalerate) from <i>n</i> -Pentanol by a Methylophilic Bacterium, <i>Paracoccus denitrificans</i> "; <i>Applied and Environmental Microbiology</i> ; Feb. 1996; Vol. 62, No. 2, pp. 380-384.
	York, Gregory M., et al; "Accumulation of the PhaP Phasin of <i>Ralstonia eutropha</i> Is Dependent on Production of Polyhydroxybutyrate in Cells"; <i>Journal of Bacteriology</i> ; July 2001; Vol. 183, No. 14; pp. 4217-4226.
	York, Gregory M., et al; "The <i>Ralstonia eutropha</i> PhaR Protein Couples Synthesis of the PhaP Phasin to the Presence of Polyhydroxybutyrate in Cells and Promotes Polyhydroxybutyrate Production"; <i>Journal of Bacteriology</i> ; Jan., 2002; Vol. 184, No. 1; pp. 59-66.
	McCool, Gabriel J., et al; "Polyhydroxyalkanoate Inclusion Body-Associated Proteins and Coding Region in <i>Bacillus megaterium</i> "; <i>Journal of Bacteriology</i> ; Jan. 1999; Vol. 181, No. 2; pp. 585-592.
	McCool, Gabriel J., et al; "PhaC and PhaR Are Required for Polyhydroxyalkanoic Acid Synthase Activity in <i>Bacillus megaterium</i> "; <i>Journal of Bacteriology</i> ; July 2001; Vol. 183, No. 14; pp. 4235-4243.
	Kranz, Robert G., et al; "Polyhydroxyalkanoate Production in <i>Rhodobacter capsulatus</i> : Genes, Mutants, Expression, and Physiology"; <i>Applied and Environmental Microbiology</i> ; Aug. 1997; Vol. 63, No. 8; pp. 3003-3009.
	Mittendorf, Volker et al; "Synthesis of medium-chain-length polyhydroxyalkanoates in <i>Arabidopsis thaliana</i> using intermediates of peroxisomal fatty acid $\beta$ -oxidation"; <i>Proc. Natl. Acad. Sci. USA</i> ; Nov. 1998; Vol., 95; pp. 13397-13402.
	Pieper-Furst, Ursula, et al; "Identification of the Region of a 14-Kilodalton Protein of <i>Rhodococcus ruber</i> That Is Responsible for the Binding of This Phasin to Polyhydroxyalkanoic Acid Granules"; <i>Journal of Bacteriology</i> ; May 1995, Vol. 177, No. 9; pp. 2513-2523.